

### surgical gut assures the surgeon of a precise balance of characteristics

1

Dependable absorption rate

2

Minimum irritation in tissue

3

Purity of collagen

4

Uniformity of strand diameters

5

Knot strength far in excess of U.S.P. requirements

ß

Supple, pliable strands

7

Dry, individual packaging that eliminates the use of hazardous storage solutions

## maximum knot and tensile strength

are assured through the exclusive use of the highest quality raw material, controlled spinning and bonding of suture strands and the uniformity of strand diameters size for size. DAVIS & GECK sutures are produced to meet strength standards that are substantially higher than the standards required by the United States Pharmacopoeia.

## dependable absorption characteristics

and minimum irritation in tissue are assured by purity of collagen, controlled chromicizing, proven methods of dry heat and ethylene oxide sterilization, rigid in vitro and in vivo digestion tests and individual suture packaging. Dry, plastic packaging eliminates the use of hazardous formaldehyde storage solutions.

#### maximum suppleness

is the result of carefully controlled spinning, finishing and sterilizing processes that assure exceptionally pliable strands that are easier to handle and tie.

## 54" lengths available in a new radiopaque DISPENSER REEL for faster ligating and suture preparation

This reel is ready to use, sterile, in the SURGILOPE SP® Suture Strip Pack with a tear-open inner envelope for fast dispensing. A large, legible label on one side immediately identifies the product, which may be viewed through the clear plastic of the other side. The special radiopaque metal eyelet permits smooth withdrawal of the gut, without kinking or catching and prevents damage to the suture material from sharp edges.

#### available armed with ATRAUMATIC® NEEDLES

A complete line of surgical gut sutures armed with stronger, sharper ATRAUMATIC needles of the highest quality surgical steel are available. The drilled end feature of ATRAUMATIC needles permits tempering for maximum strength throughout the entire length of the needle and assures the positive locking of needle to suture.

DAVIS & GECK / CYANAMID OF CANADA LIMITED
PRODUCTS DEPARTMENT / CYANAMID Montreal, Quebec

## OXYTETRACYCLINE

## THE MOST DECISIVE TREATMENT FOR PROMPT AND SAFE RECOVERY

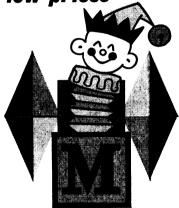
Canad. Med. Ass. J. Jan. 26, 1963, vol. 88

TERRAMYCIN | CAPSULES (250 mg — bottles of 16 and 100; 125 mg — bottles of 25) SYRUP (125 mg/5 cc — bottles of 60 cc and 16 oz) PEDIATRIC DROPS (100 mg/cc — 10 cc dropper bottle) INTRAMUSCULAR SOLUTION (100 and 250 mg - 2 cc ampoules)



7

potent, good-tasting pediatric penicillin . . . at new low prices



## Megacillin 250

250,000 units per 5 cc. teaspoonful

## *Megacillin 500*

500,000 units per 5 cc. teaspoonful

#### Oral Suspensions of Benzathine Penicillin G.

Effective in the treatment of staphylococcic, streptococcic, pneumococcic infections, and in the prevention of secondary infection in influenza, measles, whooping cough, etc. Useful as prophylaxis following acute rheumatic fever attacks. Dosage determined by weight of patient and severity of infection. The usual precautions associated with penicillin should be observed.

Supplied in bottles of 60 cc.



#### CLASSIFIED ADVERTISEMENTS

Please send copy to the Advertising Department, Canadian Medical Association Journal, 150 St. George Street, Toronto 5, Ontario.

Rates: \$7.50 for each insertion of 40 words or less, additional words 10c each.

The publishers of the Canadian Medical Association Journal are constantly on the alert for misrepresentations in classified advertisements. However, it is not always possible to detect inaccuracies. The publishers thereforeurge all respondents to investigate thoroughly the opportunities in these pages before any commitments are made.

Classified advertisements must be at the office of the Journal not later than four weeks prior to date of issue.

#### Miscellaneous

GASTROENTEROLOGY. British Postgraduate Medical Federation, University of London. A 10-week postgraduate course in gastroenterology limited to 12 selected students will be held at various London hospitals starting October 7, 1963. Fee 250. Closing date July 1, 1963. Application forms may be obtained from the British Postgraduate Medical Federation, 18 Guilford Street, London, W.C.1. Two similar courses will be held in 1964 starting April and October and enquiries about these courses may be sent to the Federation.

#### **Positions Wanted**

ASSISTANTSHIP WANTED: English doctor emigrating to Canada June 1963. Anywhere considered. Age 28, married, London, M.B. Experience, year internship, six months obstetrics, six months anesthetics, year general practice. Excellent references. Reply: Dr. Crowe, 13 Ashmount Road, London, N.19, England.

GENERAL PRACTITIONER with post graduate experience in surgery and orthopedics wishes to relocate for family reasons. Married with one child. Would consider partnership after initial trial period. Age 34, and willing to work. Ontario license. Reply to Box 803, CMA Journal, 150 St. George St., Toronto 5, Ont.

GENERAL PRACTITIONER with wide experience in general surgery and obstetrics wishes to relocate. Reply to Box 804, CMA Journal, 150 St. George St., Toronto 5, Ont.

GENERAL SURGEON: F.R.C.S. certification, L.M.C.C. seeks association with congenial group or surgeon. Wide experience, seeks opening which offers much surgical work. Reply to Box 801, CMA Journal, 150 St. George St., Toronto 5,

GENERAL SURGEON: F.R.C.S.[C], wishes to relocate, Ontario preferred but other provinces considered. Interested in joining group or partnership, or taking over practice following introduction. Reply to Box 805, CMA Journal, 150 St. George St., Toronto 5, Ont.

#### **Positions Vacant**

CERTIFIED PSYCHIATRIST OR one A CERTIFIED PSYCHIATRIST OR one eligible for certification is required by a Central Ontario Private Psychiatric Hospital. Duties to commence March or April 1963. A house is available immediately. Pension plan and private practice opportunity possible. Salary dependent on experience and qualifications. Write to: Superintendent, Homewood Sanitarium, Catalah Ont A MODERN FULLY-EQUIPPED Toronto clinic of general practitioners and specialists requires general practitioner or internist willing to do general practice. Opportunity to earn \$15,000 net annually while achieving full partnership. Reply giving full particulars and photograph to Box 781, CMA Journal, 150 St. George St., Toronto 5, Ont.

AN EXCELLENT OPPORTUNITY exists for a qualified general practitioner to join a verp busy group practice in Toronto with a regular schedule and a view to partnership. Reply to Box 653, CMA Journal, 150 St. George St., Toronto 5, Ont.

ASSISTANT WANTED for group practice in a prosperous mining town. Some post graduate training advantageous. Minimum salary \$850 monthly plus car expenses. Higher depending on qualifications. Partnership offer in one year to satisfactory person, Reply to: Drs. Case & Powell, Box 10, Yellowknife, North West Territories.

CHIEF ANESTHESIOLOGIST: Chief of department with excellent potential for growth. Certified or board eligible. 3500 procedures annually. Fee for service with minimum guarantee. 200-bed accredited general hospital with school of nursing in northwestern Pennsylvania, a four-hour drive to Toronto. Contact: Administrator, Oil City Hospital, 174 E. Bissell Avenue, Oil City, Pennsylvania, U.S.A.

CLINIC GROUP in Parry Sound requires general practitioner. Heart of large tourist area with excellent hospital facilities. Anesthetic experience an asset. Salary on basis of qualifications. Reply to Box 793, CMA Journal, 150 St. George St., Toronto 5, Ont.

For best results

use

Classified Section

C.M.A. JOURNAL

DEPUTY MEDICAL HEALTH OF-FICER required by the City of Winnipeg health department. Position available im-mediately. Diploma in Public Health de-sirable but not essential. Full civic service benefits including pension plan. Salary range \$12,000 to \$13,500 per annum with starting salary within the range depend-ing on qualifications and experience. Ap-ply to: Personnel Manager, City of Win-nipeg, 185 King Street, Winnipeg 2, Man.

DOCTOR with extra residency training in internal medicine or obstetrics and gynecology required for association with group with general surgeon. New modern clinic and hospital, rapidly expanding area. Reply to: Dr. R. E. M. Lea, Terrace, B.C.

DUE TO EXPANSION the Southern California Permanente Medical Group, a partnership of doctors practising primarily prepaid group practice, will need general practitioners and specialists in all fields immediately and throughout 1963. Representatives will be available for personal interviews in various cities in Canada during February and March. For further details please write to: Raymond M. Kay, M.D., Medical Director. 1505 Edgemont, Los Angeles 27, California, U.S.A.

(Continued on page 30)

PATHOLOGY. Fully-approved residencies PA, Cp. One vacancy any level. Three pathologists, microbiologist, biochemist. 8000 surgicals (475 frozens), 200 autopsies, 375,000 clinical tests, 300 general beds. Texas Medical Center. (Medical and Postgraduate Schols, Library, Research). Laboratory fully-staffed and equipped. Active teaching and progressive responsibility. Participation in National meetings. American and Canadian graduates preferred. Satisfactory stipend, personal interview our expenses required. Reply to: C. J. Lind, Jr., M.D., St. Luke's Episcopal Hospital, Houston 25, Texas, U.S.A.

PATHOLOGY RESIDENCIES: Full American Board approved training program is available at University Teaching Hospital. Foreign graduates must have ECFMG certificate. Apply: Dr. W. S. Morgan, Professor of Pathology, Western Reserve University at Cleveland Metropolitan General Hospital, 3395 Scranton Road, Cleveland 9, Ohio, U.S.A.

PATHOLOGY RESIDENTS: Fully-approved residency. 513-bed general hospital. Three pathologists. 300 autopsies, 7500 surgicals, 200,000 clinical laboratory procedures. Approved school of medical technology. \$375 monthly, first year to \$450 fourth year, plus living quarters or adjustment. Non-residents Canada or U.S.A. must have ECFMG certificate. Write: Lall G. Montgomery, M.D., Pathologist, Ball Memorial Hospital, Muncie, Indiana, U.S.A.

PATHOLOGY RESIDENTS: Major general hospital Medical school affiliation. Approved for four years of anatomic and clinical pathology. Active teaching and research program. Training in histochemistry and experimental pathology available. Highly qualified full time staff. Candidates planning for career in pathology preferred. Residency available immediately and July 1, 1963. Apply: Dr. D. R. Meranze, Director of Laboratories, Albert Einstein Medical Center, Southern Div. Phila. 47, Pennsylvania, U.S.A.

PHYSICAL MEDICINE: Applications are being accepted for a resident position in physical medicine at Sunnybrook Hospital, Toronto as of July 1, 1963. Salary range is between \$250 and \$370 per month depending upon qualifications and training. Credit for training is given by the Royal College of Physicians & Surgeons for those proceeding to Fellowship or Certification. Address all replies to: The Superintendent, Sunnybrook Hospital, Toronto, Ont.

RADIOLOGICAL ASSISTANT RESIDENT: Applications are now invited for the position of assistant Resident in Radiology. Training is approved for a two year period by the Royal College of Physicians and Surgeons of Canada. Please send full curriculum vitae and state date of availability when applying to: Dr. Bruce Colwell, Department of Radiology, Hotel Dieu Hospital, Kingston, Ont.

RADIOLOGY RESIDENCY available in large teaching hospital in Michigan. Approved training programs in diagnosis, therapy and isotopes. Good housing and liberal stipend. Reply to Box 668, CMA Journal, 150 St. George St., Toronto 5, Ont.

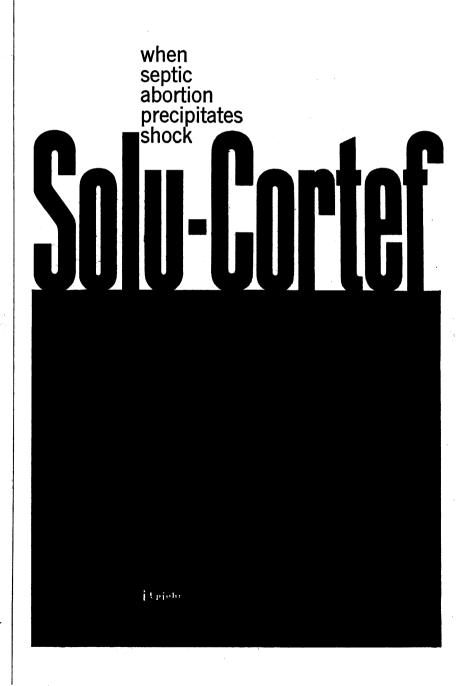
RESIDENCIES AVAILABLE: In departments of surgery, medicine, obstetrics and gynecology, pediatrics and pathology all approved by the Council on Medical Education and respective specialty boards. Stipends from \$225 monthly to \$275 monthly with full maintenance, uniforms, apartments for married residents with families. Very complete training program including bed-side teaching ward rounds, weekly conferences and Journal Club. Must hold ECFMG certificate, state license or be a graduate of American medical school. Reply to: Lutheran Medical Center, 4520 Fourth Avenue, Brooklyn, New York, U.S.A.

RESIDENCY IN GENERAL PRACTICE fully approved by the American Medical Association and qualified under exchange visitor act. Two month affiliation at Medical College hospital in psychiatry. Appointment carries annual salary of 4880 plus furnished three-bedroom apartment and all utilities. Medical graduates of schools outside the U.S.A. and Canada must have qualified and passed the ECF-MG examination. Funds for travel can be advanced and repaid in instalment from salary, if necessary. Apply in writing immediately to: A. G. Howell, Administrator, Louise Obici Memorial Hospital, Suffolk, Virgina, U.S.A.

RESIDENTS AND SENIORS required for Anesthesia. Appointments available immediately and for July 1, 1963. State qualifications. ECFMG required. Apply: Sister Superior, St. Joseph's Hospital, Toronto, Ont.

TORONTO EAST GENERAL HOSPITAL: Assistant Residents and Resident in Medicine required for one year beginning July 1, 1963. Fully approved by Canadian, U.S. and British authorities. Two hundred-bed medical service. Applicants for Resident must have at least two years internship in approved hospitals. Married quarters available. Modern residence. Stipend \$2868-\$4140. Apply to: Administrator, Toronto East General Hospital, Toronto 6, Ont.

TORONTO HOSPITAL INVITES APPLICATIONS for rotating internships, general practice and specialty residencies. 700-beds with accredited active teaching program. New modern intern's quarters. ECFMG required. For information write: Chairman of Interns, St. Joseph's Hospital, Toronto 3, Ont.



# Highest ratio of polyunsaturates to saturated fat of any leading

## **MARGARINE**

Fleischmann's 100% Corn Oil Margarine (lightly salted) contains almost a full cup of liquid corn oil per pound.

Unlike many margarines which are made from a mixture of oils, Fleischmann's is made only from pure corn oil. More than 80% of the fatty acid content is unsaturated. It provides the highest polyunsaturated to saturated fats ratio (1.7 to 1) of all leading margarines. This unique margarine exceeds the requirements of the Council of Foods and Nutrition of the American Medical Association and of the American Heart Association for an acceptable margarine for use in diets to lower serum cholesterol.

Because it is made from pure corn oil, Fleischmann's has a light, delicate flavor, and always spreads easily. Available at retail grocers across Canada.



Copies of recent medical studies on Corn Oil as a Cholesterol Depressant, and reprints of a report on the Regulations of Dietary Fat by the American Medical Association are available through writing Standard Brands Limited, 550 Sherbrooke Street West, Montreal, P.Q.

#### SUBSCRIPTION RATES

The Journal is supplied to paid-up members of the Canadian Medical Association as a perquisite of membership. Medical libraries, hospitals, and individuals may subscribe to the Journal at \$15.00 a year, payable in advance. There is a special rate for medical students residing in Canada of \$2.50 a year. Subscriptions and all relative correspondence should be addressed to the Subscription Department, Canadian Medical Association Journal, 150 St. George Street, Toronto 5, Ontario.

NOTIFICATION
OF CHANGE OF ADDRESS
(Please forward one month prior to effective date)
(Tlease forward one month prior to effective date)
,
Name(Please Print)
(Please Print)
Former Address
(Please Print)
New Address
(Please Print)
Data effective
Date effective
Please return to:
Canadian Medical Association,
150 St. George Street, Toronto 5, Ontario.
1 บาบแบ 5, บาแนาเบ.

#### INDEX TO ADVERTISERS

Erythrocin	: 17 18 10 20 21 22
•	, 17, 10, 17, 20, 21, 22
AUSTIN LABORATORIES LIMITED	35
Tricofuron	
CIBA COMPANY LIMITED  Ser-ap-es	Outside Back Cover
Jei-up-es	Obiside back Cover
CLASSIFIED ADVERTISEMENTS	28, 30, 32, 33
CHICAGO MEDICAL SOCIETY	13
ENDO DRUGS (CANADA) LIMITED	
Coumadin	Inside Back Cover
FROSST, CHARLES E. & COMPANY	
Theolamine	
Cefracycline	
Megacillin	28
GEIGY PHARMACEUTICALS	
Butazolidin	11
LEDERLE LABORATORIES	
Surgical Products	4, 5
LILLY, ELI & COMPANY (CANADA) LIMITED	
Darvon	3
MERCK, SHARP & DOHME OF CANADA LIM	
	ITED
Neo-Decadron	
Neo-Decadron	1
	1
MUTUAL OF OMAHA INSURANCE CO	1
	1
MUTUAL OF OMAHA INSURANCE CO	1
MUTUAL OF OMAHA INSURANCE CO  PFIZER CANADA  Terramycin	1
MUTUAL OF OMAHA INSURANCE CO  PFIZER CANADA  Terramycin	
MUTUAL OF OMAHA INSURANCE CO  PFIZER CANADA  Terramycin  ROUGIER INCORPORATED	
MUTUAL OF OMAHA INSURANCE CO  PFIZER CANADA  Terramycin  ROUGIER INCORPORATED	
MUTUAL OF OMAHA INSURANCE CO  PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin	
PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED Bellergal	
MUTUAL OF OMAHA INSURANCE CO  PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED	
PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED Bellergal  SHERMAN LABORATORIES LIMITED Protamide	
PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED Bellergal  SHERMAN LABORATORIES LIMITED Protamide  SMITH, KLINE & FRENCH	
PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED Bellergal  SHERMAN LABORATORIES LIMITED Protamide	
PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED Bellergal  SHERMAN LABORATORIES LIMITED Protamide  SMITH, KLINE & FRENCH Amylozine Ornade	
PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED Bellergal  SHERMAN LABORATORIES LIMITED Protamide  SMITH, KLINE & FRENCH Amylozine Ornade  STANDARD BRANDS	23  23  7  Outside Front Cover  39  25  36  13, 27, 38
PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED Bellergal  SHERMAN LABORATORIES LIMITED Protamide  SMITH, KLINE & FRENCH Amylozine Ornade  STANDARD BRANDS Corn Oil Margarine	23  23  7  Outside Front Cover  39  25  36  13, 27, 38
PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED Bellergal  SHERMAN LABORATORIES LIMITED Protamide  SMITH, KLINE & FRENCH Amylozine Ornade  STANDARD BRANDS Corn Oil Margarine  STRASENBURGH COMPANY, R. J. OF CANA	
PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED Bellergal  SHERMAN LABORATORIES LIMITED Protamide  SMITH, KLINE & FRENCH Amylozine Ornade  STANDARD BRANDS Corn Oil Margarine	
PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED Bellergal  SHERMAN LABORATORIES LIMITED Protamide  SMITH, KLINE & FRENCH Amylozine Ornade  STANDARD BRANDS Corn Oil Margarine  STRASENBURGH COMPANY, R. J. OF CANA Tussionex	
PFIZER CANADA Terramycin  ROUGIER INCORPORATED Diprophyllin  SANDOZ (CANADA) LIMITED Bellergal  SHERMAN LABORATORIES LIMITED Protamide  SMITH, KLINE & FRENCH Amylozine Ornade  STANDARD BRANDS Corn Oil Margarine  STRASENBURGH COMPANY, R. J. OF CANA	